

Please type a plus sign (+) inside this box



PTO/SB/21(08-00)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/541256
Filing Date	August 29, 2005
First Named Inventor	Catherine Pachuk
Group Art Unit	Unknown
Examiner Name	Unknown

Total Number of Pages in This Submission

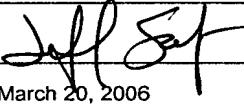
Attorney Docket Number

26788-019

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> • PTO/SB/08A and 08B Forms (3 pages) • Copies of Foreign References • Certificate of Mailing • Receipt Card
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jeffrey B. Safran, Registration No. 54.689
Signature	
Date	March 20, 2006

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being sent via first class mail to MS: PCT, Commissioner for Patents, P.O Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Denise Bierlein		
Signature		Date	March 20, 2006

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Sheet 1

of 3

Complete if Known

Application Number	10/541256
Filing Date	August 29, 2005
First Named Inventor	Catherine Pachuk
Art Unit	Unknown
Examiner Name	Unknown

Attorney Docket Number 26788-019

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
		US- 5643771	07-01-1997	Stocker	
		US- 5824538	10-20-1998	Branstrom et al.	
		US- 5837533	11-17-1998	Boutin	
		US- 5877159	03-02-1999	Powell et al.	
		US- 6127170	10-03-2000	Boutin	
		US- 6217900	04-17-2001	Ciccarelli et al.	
		US- 6506559	01-14-2003	Fire et al.	
		US- 20020132257A1	09-19-2002	Giordano et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				
		WO0063364A2	10-26-2000	American Home..		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known			
		Application Number	10/541256		
		Filing Date	August 29, 2005		
		First Named Inventor	Catherine Pachuk		
		Art Unit	Unknown		
		Examiner Name	Unknown		
Sheet	2	of	3	Attorney Docket Number	26788-019

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Co-Pending U.S. Application No. 60/399998 Filed 07/31/2002	
		CHAIX et al., Solid Phase Synthesis of the 5'-Half of the Initiator t-RNA From B. Subtilis, Nucleic Acids Research, pages 7381-7393, 1989, Volume 17, Number 18	
		CHOU et al., Solid-Phase Synthesis and High-Resolution NMR Studies of Two Synthetic Double-Helical RNA Dodecamers, Biochemistry, 1989, pages 2422-2435, Volume 28	
		DAVISON et al., Synthesis of Oligonucleotides Labelled With 2,4-Dinitrophenyl Groups at Thymidine Sites, Biomedical Peptides, 1995, pages 1-6, Volume 2, No. 1	
		GRASBY et al., The Synthesis of Oligoribonucleotides Containing O6-Methylguanosine: The Role of, Nucleic Acids Research, 1993, pages 4444-4450, Vol. 21, No. 19	
		GRYAZNOV et al., RNA Mimetics: Oligoribonucleotide N3'-P5' Phosphoramidates, Nucleic Acids Research, 1998, pages 4160-4167, Vol. 26, No. 18	
		KADOKURA et al., Solid Phase Synthesis of U1 RNA Oligomers Containing a TMG Cap Structure, Nucleic Acids Symposium Series, 1997, pages 77-78, No. 37	
		MUDRAKOVSKAYA et al., RNA Ligase From Bacteriophage T4, 1991, pages 819-822, 17(6) (ABSTRACT)	
		NARYSHKIN et al., Synthesis and Properties of Mixed Ribodeoxyribooligonucleotide Duplexes, 1996, pages 691-698, 22(9) (ABSTRACT)	
		ODAL et al., Synthesis and Properties of RNA With Catalytic Activity, Nucleic Acids Symposium Series, 1989, pages 105-106, No. 21	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Substitute for form 1449/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
(Use as many sheets as necessary)					
Sheet	3	of	3	Attorney Docket Number	26788-019

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SUN et al., Synthesis of 3'-Thioribonucleosides and Their Incorporation Into Oligoribonucleotides Via Phosphoramidite Chemistry, 1997, pages 1352-1363, Vol. 3	
		XU et al., Efficient Introduction of Phosphorothioates Into RNA Oligonucleotides by 3-Ethoxy-1,2,-4Dithiazoline-5-One, Nucleic Acid Res., 1996, pgs 3643-3644, Vol. 24, No. 18	
		ZHANG et al., RNA Synthesis Using a Universal, Base-Stable Allyl Linker, Nucleic Acids Research, 1997, pages 3980-3983, Vol. 25, No. 20	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

MS: PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on March 20, 2006.
Date

Denise Bierlein

Signature

Denise Bierlein

Type or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application No: 10/541256

Filing Date: August 29, 2005

Title: Methods and Constructs for Evaluation of RNAi Targets and Effector Molecules

First Named Inventor: Catherine Pachuk

Attorney Docket: 26788-019

- Transmittal Form
- Forms PTO/SB/08 A and 08B Forms (3 pages)
- Copies of Foreign References
- Receipt Card